

AMENDMENTS TO THE CLAIMS

1. (Canceled)

2. (Canceled)

3. (Currently Amended) A remote operation wire line core sampling device comprising:

a water swivel assembly;

a drill rod coaxially connected to said water swivel assembly;

a wire line core barrel coaxially connected to a lower end of said drill rod and having at a forward end a bit for annularly digging ground;

an inner tube assembly detachably set in said wire line core barrel; and

an over-shot assembly for grasping an upper end portion of said inner tube assembly,

wherein said water swivel assembly includes an upper water supply port at an upper position of said water swivel assembly and a lower water supply port at a lower position of said water swivel assembly,

wherein said water swivel assembly accommodates said over-shot assembly at an intermediate position thereof between said upper water supply port and said lower water supply port such that a pressurized fluid is supplied from said upper water supply port to lower said over-shot assembly through said drill rod to an upper end of said inner tube assembly.

4. (Previously Presented) The remote operation wire line core sampling device according to claim 3, further comprising:

a drill head portion of a sea-bottom core drill;

a chuck rotatably mounted to said drill head portion for grasping said drill rod; and
a mechanism for lifting said drill head, while said drill rod is retained in a hole, for
extracting said inner tube assembly from said drill rod,
wherein the over-shot assembly is for raising said inner tube assembly through said drill
rod.